



Annual Performance Report Form

Facility Name: Lockheed Martin Naval Electronics and Surveillance Systems - Manassas

Performance Track ID #: A030010

Annual Performance Report #: 1

Reporting Year: 2001

Due Date: April 1, 2002

Section A

General Facility Information

To the extent possible, EPA will pre-complete items A.1-A.8 for you. Please ensure that the information in A.1-A.8 below is accurate, complete, and up to date. Please supply or revise any information as necessary and then check the box to the left of the item(s) to indicate where changes have been made. Items A.9 and A.10 cannot be pre-completed; please respond as directed in A.9 and A.10 below.

Did you make changes? If so, check box.

- A.1 ☒ Name of your facility: Lockheed Martin Naval Electronics and Surveillance Systems - Manassas
- A.2 ☐ Name of your parent company: Lockheed Martin
- A.3 ☐ Facility contact person for the Performance Track program:
Name: Mr./Mrs./Ms./Dr. Spence Curtis
Title: Manager, Chemical, Environmental, Safety and Health Programs
Phone: 703-367-4264 Fax: 703-367-3790 E-mail: a.spencer.curtis@lmco.com
- A.4 ☐ Facility's location: www.lockheedmartin.com/manassas/
Street Address: 9500 Godwin Drive
Street Address (cont.):
City/State/Zip Code: Manassas, Virginia 20110
- A.5 ☐ Facility's website address (if any): www.lockheedmartin.com/manassas
- A.6 ☐ Number of employees (full-time equivalents) who currently work in the facility:
☐ Fewer than 50 ☐ 50 - 99 ☐ 100 - 499 ☐ 500 - 1000 ☒ More than 1000
- A.7 ☐ Does your company meet the Small Business Administration definition of a small business for your sector? ☐ Yes ☒ No
- A.8 ☒ North American Industrial Classification System (NAICS) Code(s) that are used to classify business at the facility: 334511
- A.9 ☐ In your application and, perhaps, in previous annual performance reports, you described what your facility does or makes. Have there been any (additional) changes to your facility's list of products and/or activities? If so, please list them in the space below. ☒ Yes ☐ No
This facility no longer manufactures radiation hardened semiconductors for space applications. This portion of the facility has been sold to BAE SYSTEMS.
- A.10 ☐ Please update the list of environmental requirements that apply to your facility. In the space below, indicate any changes that have taken place during this reporting period. If you have no changes to report, please write "No changes."
No changes.

Section B

Environmental Management System

B.1 Environmental Management System Assessment. Please summarize EMS assessments conducted *during the year*. Attach additional sheets as necessary.

a. Was an EMS audit or other assessment done by an independent third party?

☒ Yes ☐ No

If yes, please provide the *type* (e.g., ISO 14001 certification), the *scope*, and the *dates* (mo/yr) of each assessment.

An ISO 14001 surveillance audit was performed on April 3-5, 2001. The audit was performed against all elements of the ISO 14001 standard for selected portions of the facility.

b. Was an internal or corporate EMS audit conducted? ☒ Yes ☐ No

If yes, please provide the *scope* and the *dates* (mo/yr) of each audit.

Internal EMS audits were performed on five major business area programs in 2001. These audits included a review of all elements of the ISO 14001 standard.

c. Was a compliance audit conducted? ☒ Yes ☐ No

If yes, please provide the *scope* and the *dates* (mo/yr) of each audit, and indicate *who* conducted the audit(s) (e.g., facility staff, corporate groups, third party).

A facility wide compliance audit was conducted by facility staff during the fourth quarter of 2001. The audits included the following: Water and Wastewater Programs (permits), Aboveground Storage Tanks, Oil Spill Prevention, Stormwater Management, Underground Storage Tanks, Pretreatment Permit, Hazard Communication, Self Audit Program, Clean Air Act (permits, ODC's), Hazardous Materials Transportation Act, FIFRA, Toxic Substances Control Act, RCRA and SARA.

d. (Optional) If you would like to describe any other audits or inspections that were conducted at your facility, please do so here.

Several times each month, internal EMS spot check audits are performed. These audits include safety and health in addition to the environmental requirements. All of the EMS audit programs are integrated with the facilities quality audit program.

Section B

(continued)

B.1

e. Briefly summarize corrective actions taken and other improvements made as a result of your EMS assessments and compliance audits.

Several internal procedures and documents were found to contain obsolete information. These procedures and documents were corrected and updated.

f. Has your facility corrected all instances of potential non-compliance and EMS non-conformance identified during your audits and other assessments?

☐ Yes ☐ No ☒ No such instances identified

If no, please explain your plans to correct these instances.

g. When was the last Senior Management review of your EMS completed? *mo/yr* April 9, 2001

Who headed the review?

Name: Mr./Mrs./Ms./Dr. Frank DeBritz

Title: President, Naval Electronics and Surveillance Systems - Undersea Systems

Section B

(continued)

B.2 ISO 14001 Certification. Is your facility currently certified to ISO 14001? ☒ Yes ☐ No

B.3 Environmental Aspects Identification. When did your facility last conduct a systematic identification and/or review of your environmental aspects? *mo/yr* March 2002

B.4 Progress Toward Achieving Objectives and Targets. In the table below, please provide a narrative summary of progress made toward EMS objectives and targets. **You may limit the summary to environmental aspects that are *significant* and towards which *progress* has been made during the *reporting year*.** In cases where progress relates specifically to a Performance Track performance commitment, complete the *Environmental Aspect* column, but in the *Progress* column simply refer to the performance commitment tables in Section C, i.e. "See Section C." Attach additional sheets as necessary.

<i>Environmental Aspect</i>	<i>Progress Made This Year</i> (e.g., quantitative or qualitative improvements, activities conducted)
Emissions of NOx	See Section C
Vulnerability and Potential For Releases	See Section C
Hazardous Materials Use	See Section C
Recycled/Reused Materials Use	See Section C
Reduced energy consumption	This project is to replace standard fluorescent lamps with new lamps that use 10 percent less electricity and contain less than half the amount of mercury. The new lamps are installed as the old lamps are removed. So far approximately 30% of the existing lamps have been replaced. All of the lamps should be replaced by the end of 2002.
Improved stormwater control	The effort is to evaluate options to better control stormwater and pollutants that flow onto our facility from upstream sources. An engineering analysis has been completed and one stormwater detention project has been designed and awaits funding.

Section C

Environmental Performance Commitments

Please use the tables on pages 6-9 to summarize your facility's environmental performance against your Performance Track performance commitments. Complete only those boxes related to the baseline, current year, and performance commitment. If any of the boxes have been pre-completed for you, please verify the information. If you find information that is incorrect, cross it out and write in the correct information. **Leave blank any columns for future reporting years.**

C.1

Performance Commitment 1

a. Use this table to report data related to your first performance commitment.

Category (see page 16 of the instructions): Air Emissions					
Aspect (see page 16 of the instructions): Emissions of VOC's					
	<i>Baseline (as stated in your application)</i>	<i>Year 1</i>	<i>Year 2</i>	<i>Year 3</i>	<i>Performance Commitment (the goal stated in your application)</i>
<i>Calendar Year</i>	1999	2001			2003
<i>Actual Quantity (per year)</i>	20800	13728			(optional)
<i>Measurement Units</i>	lbs				
<i>Normalizing Factor*</i>	1.0	0.66			(optional)
<i>Basis for your Normalizing Factor*</i>	Number of Employees				
<i>Normalized Quantity* (per year)</i>	20800	20800			20475
*See pages 17-19 of the instructions for more information					

b. Briefly describe how you achieved improvements for this aspect or, if relevant, any circumstances that delayed progress.

This project is to decrease the number of automobile trips to the facility to reduce auto emissions. This facility is located in a serious non-attainment area for ozone. Because of the location of the facility, there is no mass transit or any other public transportation system that employees could use in place of their cars. Progress on this aspect has been focused on developing a program to reduce air emissions from employee vehicles. During the past year, the facility has established and implemented a management approved program that allows employees to work at home under certain circumstances. Each day that an employee stays at home, a credit will be taken for the air emissions reduction from one automobile round trip commute. Emissions are calculated based on an assumed round trip of 20 miles per employee, 5 days per week, 50 weeks per year and 0.0026 lb VOC per vehicle mile.

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g., Energy Star, Project XL).
None

Section C

(continued)

C.2

Performance Commitment 2

a. Use this table to report data related to your second performance commitment.

Category (see page 16 of the instructions): Materials Use					
Aspect (see page 16 of the instructions): Hazardous Materials Use					
	<i>Baseline (as stated in your application)</i>	<i>Year 1</i>	<i>Year 2</i>	<i>Year 3</i>	<i>Performance Commitment (the goal stated in your application)</i>
<i>Calendar Year</i>	1999	2001			2003
<i>Actual Quantity (per year)</i>	14.5	11.6			0 (optional)
<i>Measurement Units</i>	tons				
<i>Normalizing Factor*</i>	1.0	1.0			1.0 (optional)
<i>Basis for your Normalizing Factor*</i>	None				
<i>Normalized Quantity* (per year)</i>	14.5	11.6			0
*See pages 17-19 of the instructions for more information					

b. Briefly describe how you achieved improvements for this aspect or, if relevant, any circumstances that delayed progress.

This project is to eliminate the use of CFC-114 to eliminate the potential for release to the environment. During this reporting period, the facility was able to eliminate one refrigerant machine resulting in the reduction of the amount of refrigerant in service.

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g., Energy Star, Project XL).

None

Section C

(continued)

C.3

Performance Commitment 3

a. Use this table to report data related to your third performance commitment.

Category (see page 16 of the instructions): Materials Use					
Aspect (see page 16 of the instructions): Hazardous Materials Use					
	<i>Baseline</i> (as stated in your application)	<i>Year 1</i>	<i>Year 2</i>	<i>Year 3</i>	<i>Performance Commitment</i> (the goal stated in your application)
<i>Calendar Year</i>	1999	2001			2003
<i>Actual Quantity</i> (per year)	115	40.4			40.4 (optional)
<i>Measurement Units</i>	tons				
<i>Normalizing Factor*</i>	1.0	1.0			1.0 (optional)
<i>Basis for your Normalizing Factor*</i>	Quantity of industrial wastewater treated.				
<i>Normalized Quantity*</i> (per year)	115	40.4			40.4
*See pages 17-19 of the instructions for more information					

b. Briefly describe how you achieved improvements for this aspect or, if relevant, any circumstances that delayed progress.

This project was to minimize the quantity of sulfuric acid and caustic soda used in a wastewater pretreatment system. New controls were installed to allow more accurate measurement of the wastewater pH and new chemical feed points were established that allowed a faster response to changes in pH.

This is a one time project that was completed faster than expected.

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g., Energy Star, Project XL).

None

Section C

(continued)

C.4

Performance Commitment 4

a. Use this table to report data related to your fourth performance commitment.

Category (see page 16 of the instructions): Waste					
Aspect (see page 16 of the instructions): Total Solid Waste					
	<i>Baseline (as stated in your application)</i>	<i>Year 1</i>	<i>Year 2</i>	<i>Year 3</i>	<i>Performance Commitment (the goal stated in your application)</i>
<i>Calendar Year</i>	1999	2001			2003
<i>Actual Quantity (per year)</i>	10	8			(optional)
<i>Measurement Units</i>	tons				
<i>Normalizing Factor*</i>	1.0	0.8			(optional)
<i>Basis for your Normalizing Factor*</i>	Number of employees working in the secure area of the facility				
<i>Normalized Quantity* (per year)</i>	10	10			8
*See pages 15-17 of the instructions for more information					

b. Briefly describe how you achieved improvements for this aspect or, if relevant, any circumstances that delayed progress.

This project is to initiate waste paper recycling for a large secure portion of the facility. Unfortunately, just as a method for collection of waste paper was established, the area was closed and is in the process of being relocated to another building. Once the new area is established, the recycling program will be reestablished for this area of the facility. No waste paper was collected during this reporting period for this area, but the waste paper recycling program for the remainder of the facility was unaffected. The baseline quantity is the estimated amount of solid waste generated by this operation, not the total solid waste generated by the entire facility.

This commitment is not possible to accomplish so it will be replaced by a new commitment.

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g., Energy Star, Project XL).

None

Section D

Public Outreach and Performance Reporting

D.1

Please briefly summarize the public outreach and reporting activities that your facility has conducted during the year. Feel free, but not obligated, to attach supporting materials (e.g., meeting agendas, public announcements). During 2001 the facility participated in several community outreach activities. These included:

Working with the City of Manassas to aid in their establishing and EMS for parts of the City's operations. This led to their successful efforts to achieve E2 status through the Virginia Department of Environmental Quality.

Hosting 35 students from Osbourn Park High School for environmental awareness classes. These classes included facility tours highlighting environmental aspects, class room training and an environmental board game.

Participating in the review of Gar-Field High School environmental science project presentations.

Assisting Fairfax County with development of a county-wide EMS and efforts to gain E2 status with the Virginia DEQ.

Participating on the Virginia DEQ pollution prevention advisory committee.

Coordinating the review of the Virginia DEQ EMS program and assisting them as they attempt to achieve E3 status.

D.2

Please indicate which of the following methods your facility plans to use to make its Performance Track Annual Performance Report available to the public. Please check as many as are appropriate.

☒ Website (URL www.lockheedmartin.com/manassas)

☐ Open House

☐ Meetings

☐ Press Releases

☐ Community Advisory Panel

☐ Other

Section E

Self-Certification of Continued Program Participation

On behalf of Lockheed Martin Naval Electronic and Surveillance Systems - Manassas,
(name of my facility)

I certify that

- ◆ I have read and agree to the terms and conditions specified in *the National Environmental Performance Track Program Guide*. This facility, to the best of my knowledge, continues to meet all program criteria;
- ◆ I have personally examined and am familiar with the information contained in this Annual Performance Report. The information contained in this report is, to the best of my knowledge and based on reasonable inquiry, true, accurate, and complete;
- ◆ My facility has an environmental management system (EMS), as defined in the Performance Track EMS criteria, including systems to maintain compliance with all applicable federal, state, tribal, and local environmental requirements in place at the facility, and the EMS will be maintained for the duration of the facility's participation in the program;
- ◆ My facility has conducted an objective assessment of its compliance with all applicable federal, state, tribal, and local environmental requirements; and the facility has corrected all identified instances of potential or actual noncompliance; and
- ◆ Based on the foregoing compliance assessments and subsequent corrective actions (if any were necessary), my facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with applicable federal, state, tribal, and local environmental requirements.

I agree that EPA's decision whether to accept participants into or remove them from the National Environmental Performance Track is wholly discretionary, and I waive any right that may exist under any law to challenge EPA's acceptance or removal decision.

I am the senior manager with responsibility for the facility and am fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is part of the National Environmental Performance Track program.

Signature/Date _____

Printed Name Mr./Mrs./Ms./Dr.Frank DeBritz

Title President

Phone Number/E-mail Address 703-367-1849

Facility Name Lockheed Martin Naval Electronic and Surveillance Systems - Manassas

Facility Street Address 9500 Godwin Drive, Manassas, VA 20110

Performance Track Identification Number A030010

Paperwork Reduction Act Notice

The public reporting and recordkeeping burden for this collection of information is estimated to average 188 hours per respondent annually. Burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to a collection of information; search data sources; complete and review the collection of information; and transmit or otherwise disclose the information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.